Applicants acknowledge with appreciation the allowance of claims 2-8 and 10-16. An informality is corrected in the specification.

Claims 1 and 9 are amended to better define the invention. Claim 9 is amended to recite that each green pass filter in the unit array is contiguous with at least one other green pass filter in the unit array. This clearly finds support in Fig. 2, which shows that each green pass filter in the unit array is contiguous (at its corner) with at least one other green pass filter in the unit array. This limitation is not taught by Inoue. See Fig. 8B in Inoue, where it is seen that there are green pass filters which are not contiguous with any other green pass filters.

Claim 9 is amended to recited that each yellow pass filter in the unit array is contiguous with at least one other yellow pass filter in the unit array. Inoue does not teach or suggest this feature.

Respectfully submitted,

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Version of Amended Specification and Claims with Changes

In the Specification

The one-line paragraph on page 4, line 9, is amended as follows.

Fig. 8 is a unit [array] array of a four color [mosaice pattenr] mosaic pattern for the CMY color space.

The paragraph on page 9, lines 1-5, is amended as follows:

Another embodiment of the present invention for the CMY (Cyan-Magenta-Yellow) color space is provided in Fig. 8. Fig. 8 [denotess] denotes a unit array of filters for a tiling pattern, where filters designated by C, Y, and M denote pass filters for the colors cyan, yellow, and magenta, respectively. Note that the unit array of Fig. 8 corresponds [ot] to the unit array of Fig. 2 by making the [correspondances:] correspondences: C ↔ B, Y ↔ G, and M ↔ R.

In the Claims

1. (Amended Five Times) A color filter array comprising a tiling pattern of pass filters, wherein the tiling pattern has a unit array, the unit array having green, red, blue, and infrared pass filters in relative numerical proportions 4:1:1:2, respectively[.], wherein each green pass filter in the unit array is contiguous with at least one other green pass filter in the unit array.

9. (Amended Five Times) A color filter array comprising a tiling pattern of pass filters, wherein the tiling pattern has a unit array, the unit array having yellow, magenta, cyan,

and infrared pass filters in relative numerical proportions 4:1:1:2, respectively[.], wherein each yellow pass filter in the unit array is contiguous with at least one other yellow pass filter in the unit array.